

Curriculum Vitae

Personal information

- **Personal**
 - Prof. Bouchouareb Rachida.....
 - Professor, University of Oum El Bouaghi, Algeria.
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- **Researcher identity**
 - Google Scholar: <https://scholar.google.com/citations?user=HLcXC8kAAAAJ&hl=fr...>
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Education

- **Ph.D.'s degree** in Micro-ondes
- **Magister degree** in Micro-ondes
- **Engineering's degree** in Telecommunation

Functions and Affiliations

- **Associate professor**, network and telecommunication department,, University of Oum El Bouaghi, Algeria

Teaching modules

Télécommunications 1 L1(**cours +td+tp**)(S2)
 Réseaux et télécom 1 L2(**cours +td+tp**)(S3)
 Antennes L3 (**cours +td+tp**)(S 3)
 PPP (S4)
 Codage et compression M1 (**cours +td+tp**) (S1)
 Antennes et rayonnement M1 (**cours +td+tp**) (S2)

International publications and communications

- **Rachida Bouchouareb and Karim Ferroudji** Classification of ECG Arrhythmia using ArtificialIntelligence techniques (RBF and SVM) ; 4th International Conference on Pattern Analysis and Intelligent Systems (Pais'2022)October 12-13, 2022
- **R. Bouchouareb** and B. Naam“Denoising Ultrasound Images and Error Estimate by Non Local Means”. the 1st international conference on Electronics, Artificial Intelligence and New Technologies conference December 8-9th 2021

- **R. Bouchouareb**, N. Hedjazi, and D.Benatia“ Denoising Medical Ultrasound Images and Error Estimate by Translation-Invariant Wavelets”. International Journal of Signal Processing, Image Processing and Pattern Recognition Vol.7, No.1 (2014), pp.193-202.
- **R. Bouchouareb** and D. Benatia“Comparative Study between Wavelet Thresholding Techniques (Hard, Soft and Invariant-translation) in Ultrasound Images”. International Journal of Bio-Science and Bio-Technology Vol.6, No. 6 (2014), pp.29-38.
- **R. Bouchouareb** and D. Benatia“Comparative Denoising Medical Ultrasound Images and Error Estimate by Cellular Neural Networks and Translation Invariant Wavelets”. The second International Conference on Electrical Engineering and Control Application ICEECA'2014, November 18-20th 2014
- Malika Ouacifi, Djamel Benatia and **Rachida Bouchouareb** “L’adaptation de l’ouverture du télescope émetteur aux variations des amplitudes des vibrations dans les réseaux des satellites lasers”.2nd International Conference On Electronics Systems CISE'09, Oct, 25-26, 2009, Batna, Algeria.
- Malika. ouacifi, N.Hedjazi, **R.bouchouareb**, M.ouarghi,K. Ferroudji,and D. Benatia “Performance Limitation of Laser Satellite Communication Due To Vibrations And Atmospheric Turbulance”. 2nd International Conference on Information Processing and Electrical Engineering, ICIPPE'12,14-16 April 2012, Tebessa, Algeria.
- K.Ferroudji, N.Benoudjit, M.Bahaz, **R.Bouchouareb**, M.Ouacifi and A.bouakaz. “Microemboli Classification using Non-linear Kernel Support Vector Machines and RF signals”. 2nd International Conference on Information Processing and Electrical Engineering, ICIPPE'12,14-16 April 2012, Tebessa, Algeria.
- Nour el Houda Hedjazi, Malika Ouacifi, **Rachida Bouchouareb**, Meriem Ouarghi, Messoud Gareh, and DjamelBenatia“The Handover in the Constellations of Satellites in Low Orbit” International Journal Of Advanced Science and Technology Vol. 41, April, 2012.
- Nour el Houda Hedjazi, Malika Ouacifi, **Rachida Bouchouareb**, Meriem Ouarghi, Messoud Gareh, and Djamel Benatia “Optimization Of The Problem Of Handover In The Constellations Of Satellites In Low Orbit “6th International Conference on Science of Electronics, Technologies of Information and Telecommunications (SETIT) 2012.

Interests and Qualifications

- **Interests:** medical ultrasound images, antenna, ML, AI.
- **Qualifications:** Matlab, Atoll.....
- **Other:**